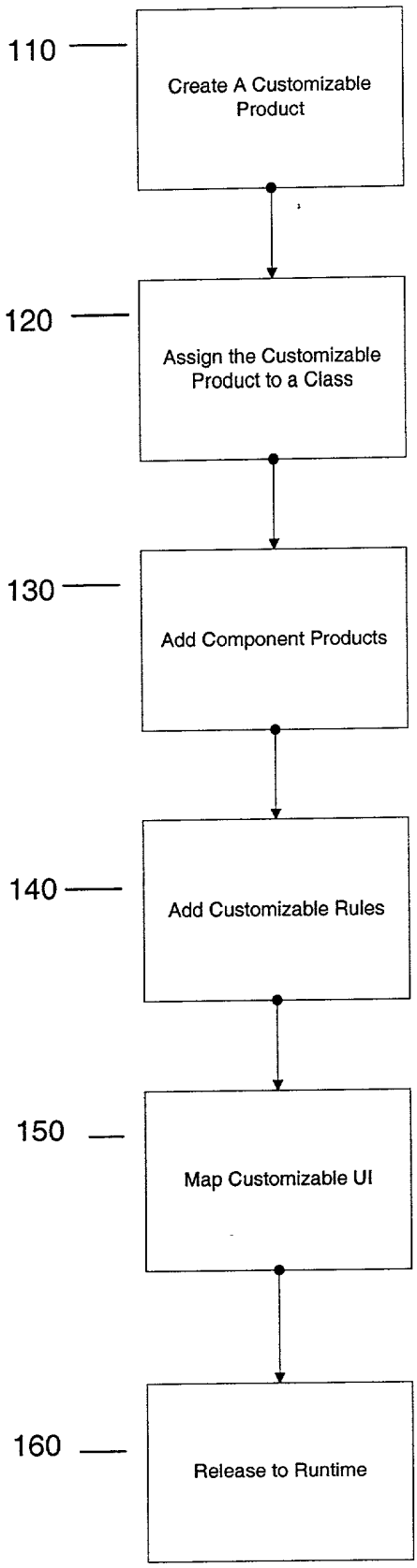
110
Create A Customizable Product
120
Assign the Customizable Product to a Class
130
Add Component Products
140
Add Customizable Rules
150
Map Customizable UI
160
Release to Runtime

Figure 1

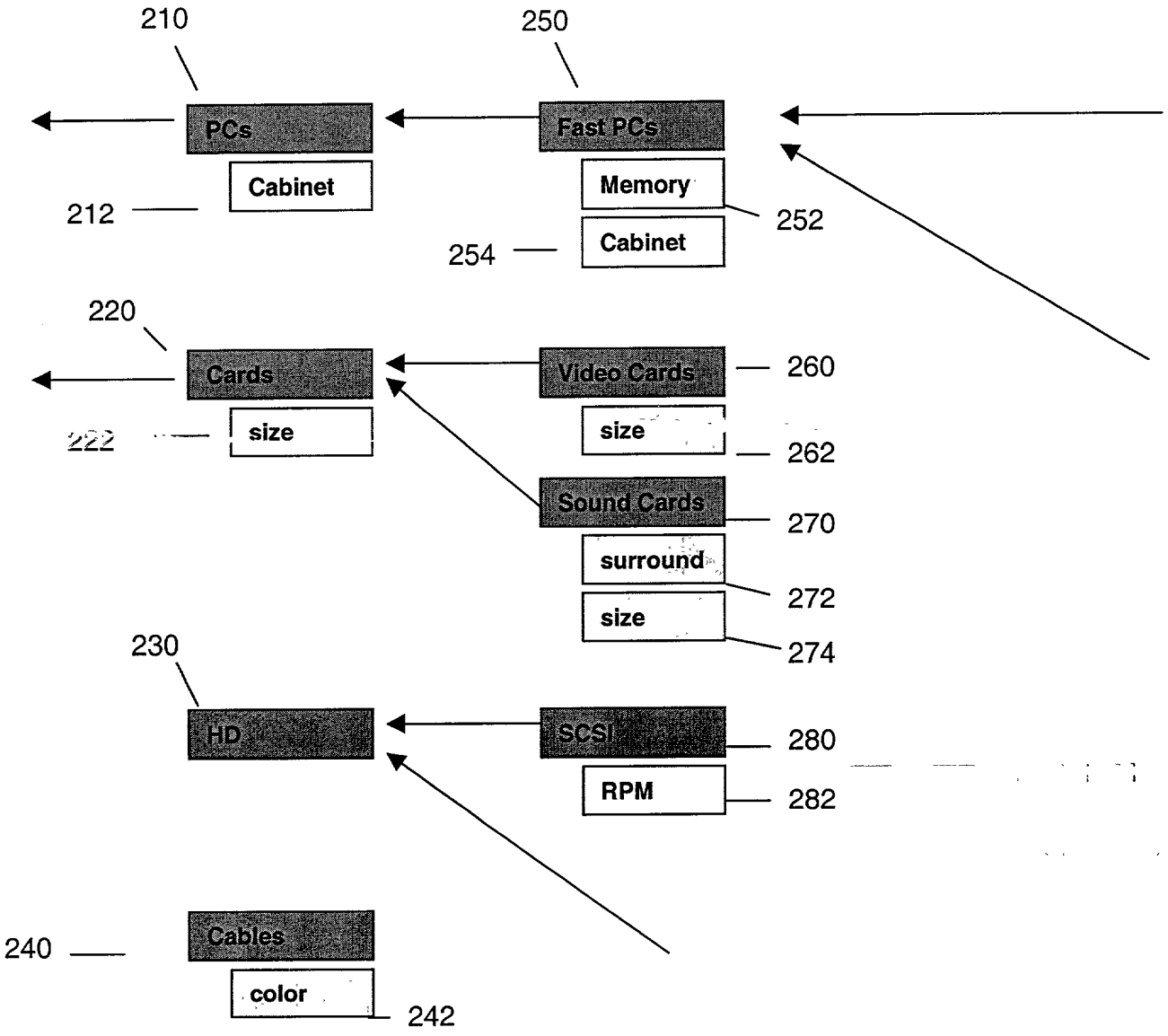
210
PCs
Cabinet
212
250
Fast PCs
Memory
252
Cabinet
254
220
Cards
size
222
Video Cards
260
size
262
Sound Cards
270
surround
272
size
274
230
HD
SCSI
280
RPM
282
240
Cables
color
242

Figure 2

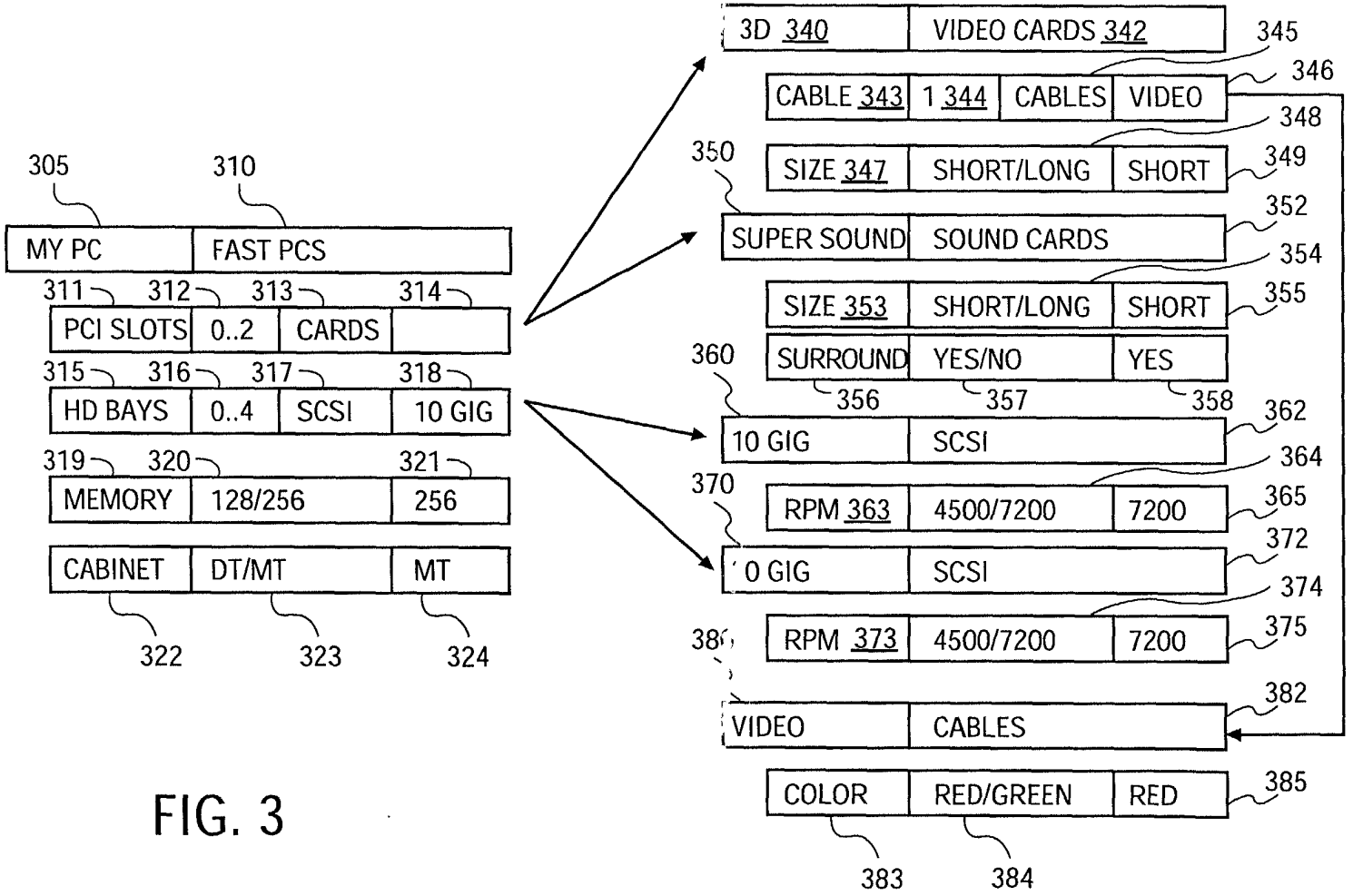
305
310
MY PC
FAST PCS
311
312
313
314
PCI SLOTS
0..2
CARDS
315
316
317
318
HD BAYS
0..4
SCSI
10 GIG
319
320
321
MEMORY
128/256
256
CABINET
DT/MT
MT
322
323
324
3D 340
VIDEO CARDS 342
345
CABLE 343
1 344
CABLES
VIDEO
346
348
350
SIZE 347
SHORT/LONG
SHORT
349
SUPER SOUND
SOUND CARDS
352
354
SIZE 353
SHORT/LONG
SHORT
355
360
SURROUND
YES/NO
YES
356
357
358
10 GIG
SCSI
362
364
370
RPM 363
4500/7200
7200
365
0 GIG
SCSI
372
374
RPM 373
4500/7200
7200
375
VIDEO
CABLES
382
COLOR
RED/GREEN
RED
385
383
384

FIG. 3

Minimum Cardinality	Default Cardinality	Maximum Cardinality	System Adds Default Product?	User Pick Read?	Initial Solution	User Actions Allowed
=0	= Min Card	>Default Card	No	No	No items	Increase item quantities to Max Card
=0	> Min Card	=Default Card	No	No	N=Max Card	Decrease Item quantities to 0 but cannot increase them.
=0	> Min Card	>Default Card	No	No	N=Default Card	Increase item quantities to Max Card or decrease them to 0
>0	= Min Card	=Default Card	Yes	Yes	N=Min, Default, Max	Cannot increase or decrease item quantities.
>0	= Min Card	> Default Card	Yes	Yes	N=Min	Can increase item quantities to Max Card but cannot decrease them.
>0	> Min Card	= Default Card	Yes	Yes	N=Default	Can decrease item quantities to Min Card but cannot increase them.
>0	> Min Card	>Default Card	Yes	Yes	N=Default	Can decrease item quantities to Min Card or increase them to Max Card.

Figure 4

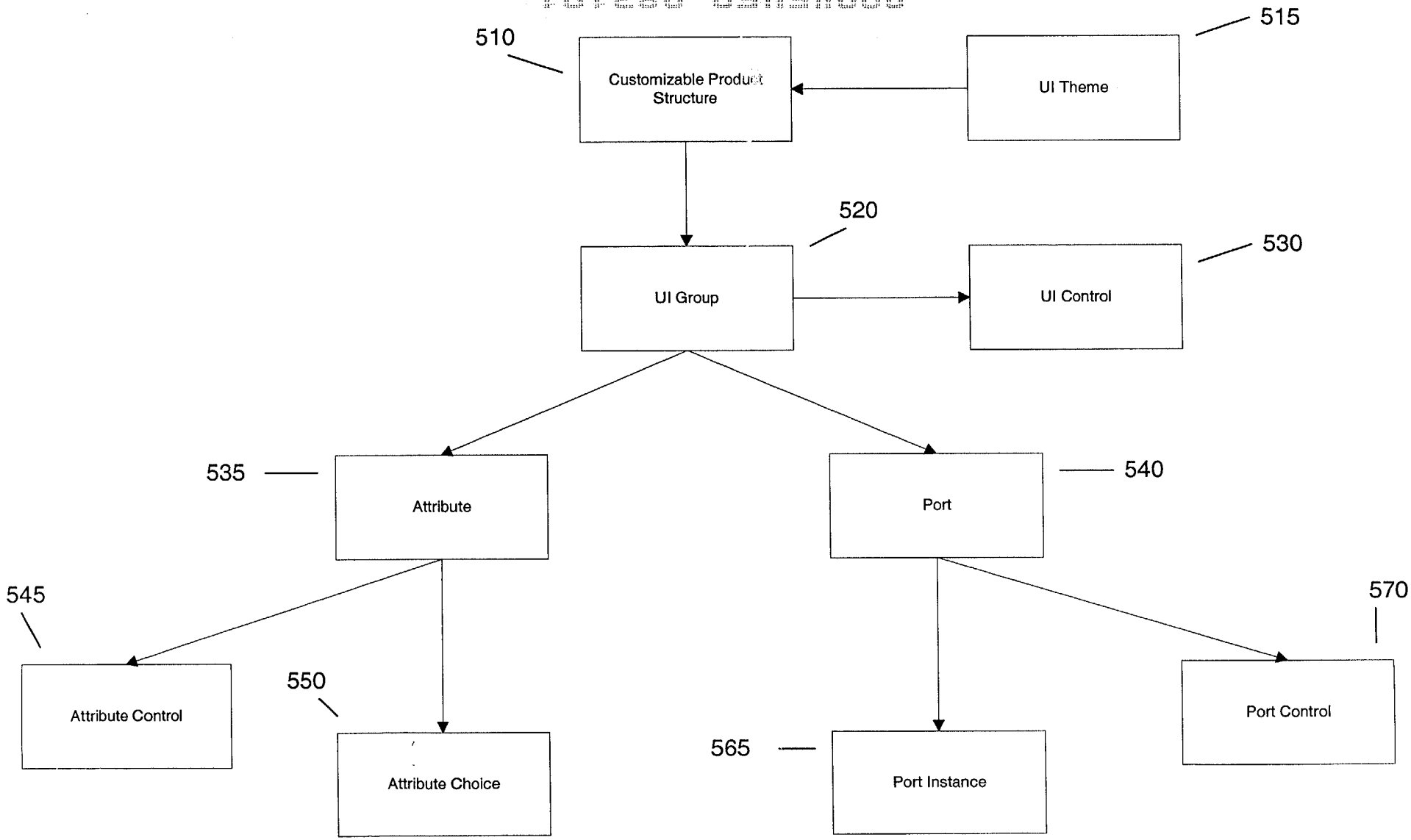
510
Customizable Product Structure
515
UI Theme
520
UI Group
530
UI Control
535
Attribute
540
Port
545
Attribute Control
550
Attribute Choice
565
Port Instance
570
Port Control

Figure 5

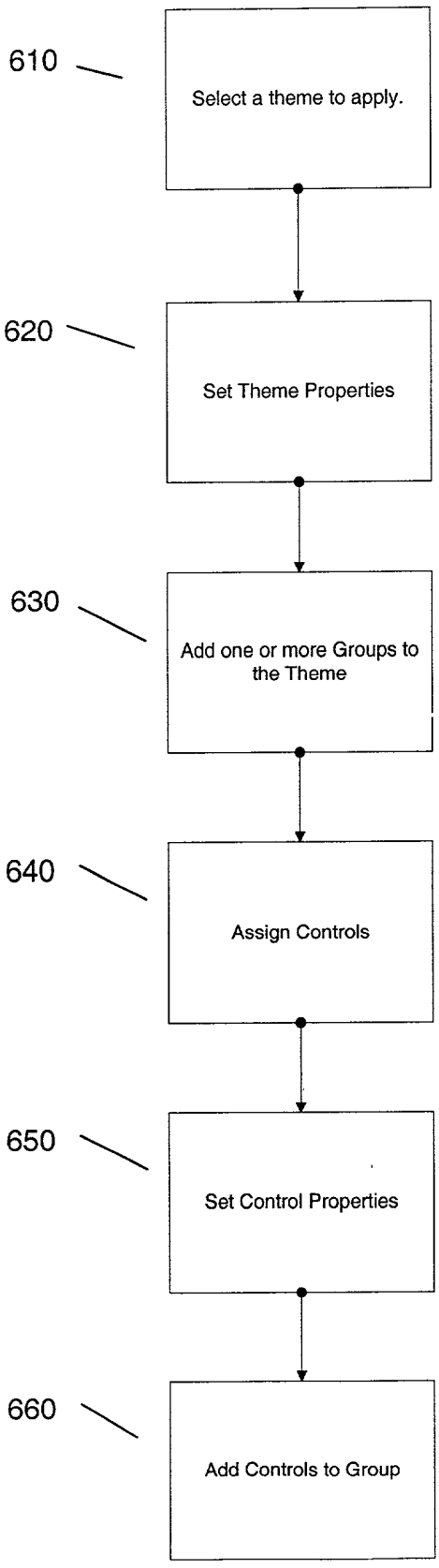
610
Select a theme to apply.
620
Set Theme Properties
630
Add one or more Groups to the Theme
640
Assign Controls
650
Set Control Properties
660
Add Controls to Group

Figure 6

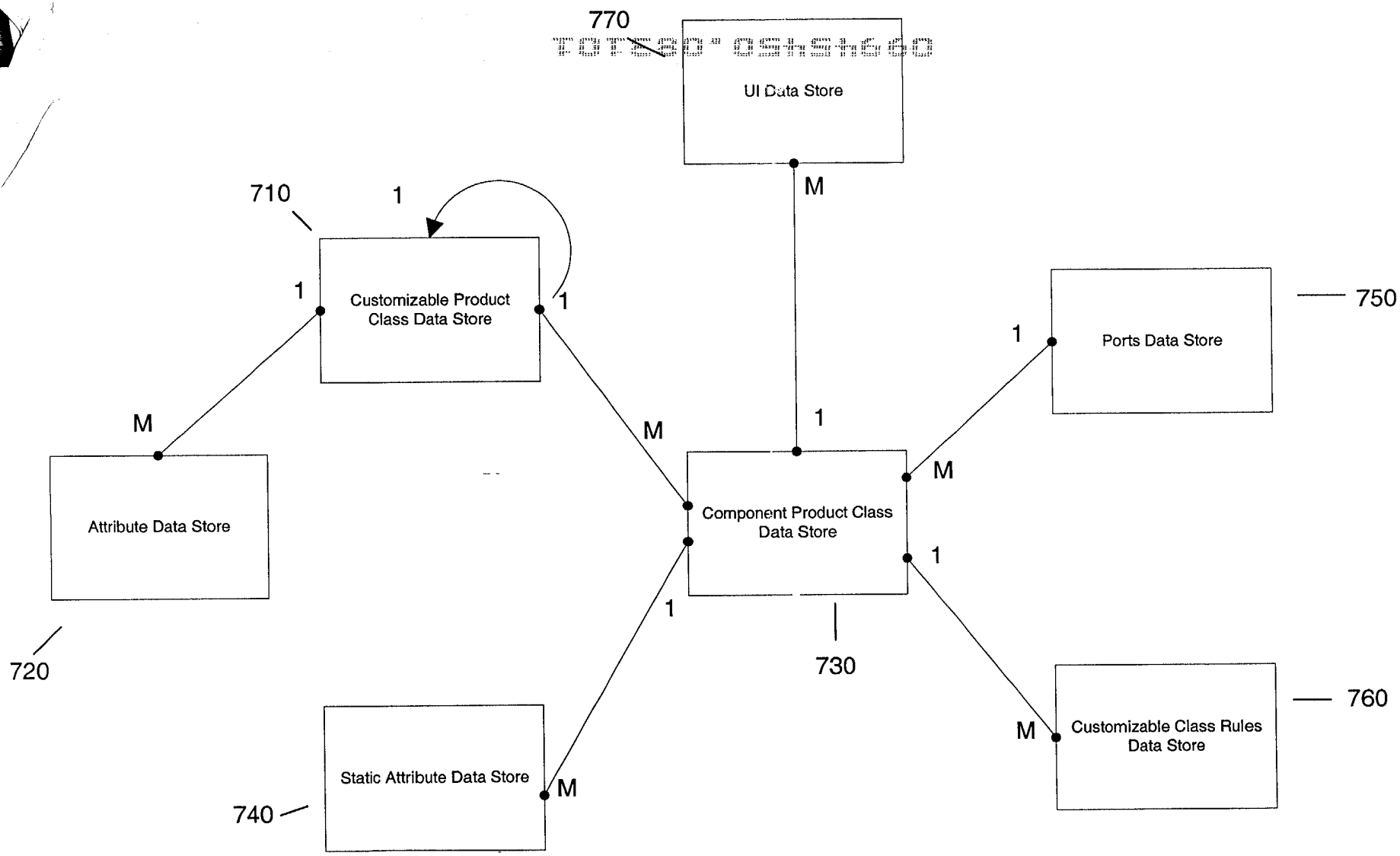
770
UI Data Store
M
710
1
1
1
Customizable Product Class Data Store
1
750
Ports Data Store
M
M
1
Attribute Data Store
Component Product Class Data Store
M
1
1
720
730
760
M
Customizable Class Rules Data Store
Static Attribute Data Store
740
M

Figure 7

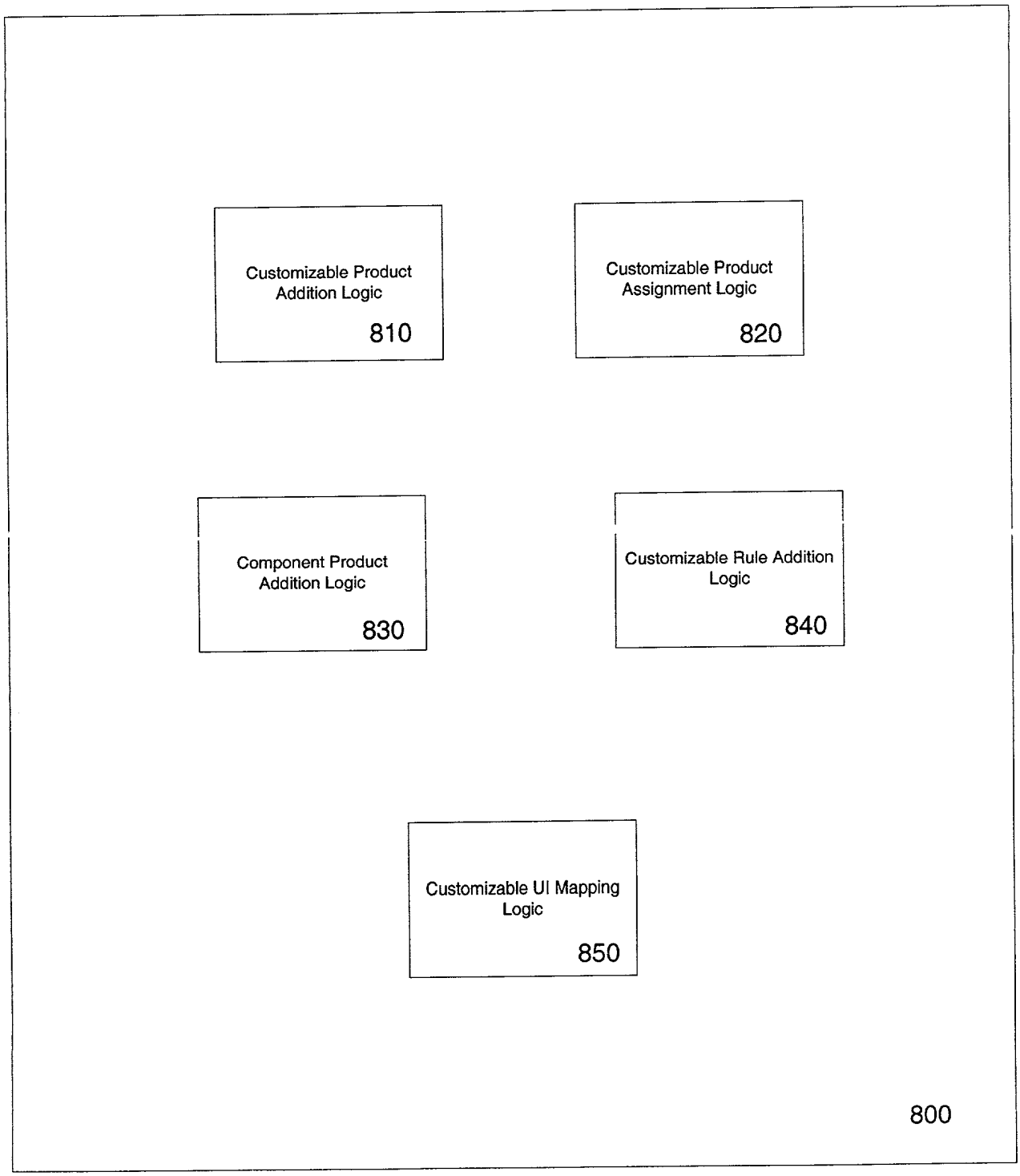
Customizable Product Addition Logic
810
Customizable Product Assignment Logic
820
Component Product Addition Logic
830
Customizable Rule Addition Logic
840
Customizable UI Mapping Logic
850
800

Figure 8